NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Warm Up- Factoring Day 2

Factor the following using what we learned yesterday:

* Difference of cubes
* Grouping
* Factoring polynomials of degree 4 or above

1) x3 – 512 2) x4 – 5x2 – 6 3) 6x2 + 3x3 – 4x – 2x2

4) x4 + 0x2 – 1 5) x3 + 729 6) 2x3 – 8x + 7x2 – 28

7) 5x3 – 40 – 6x4 + 48x 8) 2x4 – 11x2 – 21 9) 10a3 – 3430